



A Leader in Electric Motor Testing

Tip Of The Week

February 27, 2017

Motor Tripping?

After installing a new motor you are experiencing what some call nuisance trips. Are they nuisance trips or is the motor trying to tell you something is really wrong? New doesn't always mean good. The first thing to do is look for a NEMA Code Letter on the nameplate. This letter will help you calculate the design locked rotor or In-Rush current the motor is supposed to see. Then use the MCEMAX[®] 6-channel In-Rush/Start-Up test to see the actual In-Rush current. If the actual current is not exceeding the design current, then you would want to focus your troubleshooting on the trip relay settings.

For details on calculating the locked rotor current from the NEMA Code letter, visit the PdMA website at:
http://www.pdma.com/pdfs/tips/2011/2_21_11.pdf

You are invited to submit an Electric Motor Testing Tip of your own and receive a free PdMA[®] mug or hat if we publish it! Contact Lou at 813-621-6463 ext. 126 or lou@pdma.com.

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